

Demand Regeneration Control with Proportional Brining

Proportional brining is a method of regeneration where the amount of water added to the brine tank is “proportional” to the remaining capacity of the softener when regeneration occurs. This means that the salt usage will vary depending on how much capacity is left in the unit. Theoretically, only the media that has been exhausted is regenerated. Every softener (with the exception of duplex units) has to regenerate before it uses 100% of its capacity, otherwise the household would experience hard water. Proportional brining is achieved by measuring the full capacity of the unit versus the softening capacity that is actually used. The controller then automatically adjusts the brine fill time (which regulates salt consumption) to the capacity actually used.



Features

- Up Flow Regeneration - preserves unused portion of softening bed from unnecessary exchange saving salt.
- Proportional Brining - calculates the exact amount of brine required to regenerate saving up to 30% more salt.
- Soft Water Brine Tank Refill - keeps tank & injectors clean.
- Automatic Holiday Mode - Automatically turns on when away ensuring your water stays fresh and soft.
- User-friendly backlit LCD display
- Quick connect fittings - inlet/outlet, drain/brine line, Injector housing, Water Meter & power cord.
- Brine safety valve - overflow protection.
- Salt grid - prevents bridging.
- 48 hour battery back-up.
- Diagnostic mode – Current Flow, Peak flow, Water Usage, Operating Hours Total Regens.
- Service reminder, pre-set alarm to determine when system needs servicing.

Specifications & Performance

Model	FR-K075-10X17-S
Softener Type	Twin Tank
Salt used per Cleaning Cycle (Kg)	1.68
Water used per Cleaning Cycle (Litres)	50
Capacity @ 300mg/l of Hardness (Litres)	2000
Continuous Flow Rate (Litres per min)	10
Height x Width (Softener)	565mm x 265mm x265mm
Brine Tank Dimensions & Volume	(H) 475mm x (W) 230mm x (D) 230mm (25 Litres)
Mineral Tank Size	10 x 17
Resin Volume (Litres)	12
Inlet/Outlet Connections (BSP Male)	3/4"
Brine/Drain Connections	3/8" Push Fit
Shipping weight (Kg)	25



Ecoflo water softeners are designed and manufactured by The Watershop Ltd and carry a 12-month parts guarantee.